

GenCore version 5.1.6  
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## OM protein - protein search, using sw model

Run on: December 3, 2005, 01:09:38 ; Search time 9.01961 Seconds  
(without alignments)  
210.823 Million cell updates/sec

Title: US-10-737-208a-1\_COPY\_1\_23  
Perfect score: 119  
Sequence: 1 DVVMTQTPLSLPVTGPGEPAISIC 23

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA:  
1: /cgn2\_6/prodata/1/1aa/5 COMB.pep:\*  
2: /cgn2\_6/prodata/1/1aa/6 COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/H COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/ECTUS COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/RE COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/Backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	119	100.0	81	2	US-09-254-180C-156 Sequence 156, App
2	119	100.0	113	2	US-09-254-180C-21 Sequence 21, Appl
3	118	99.2	101	2	US-10-194-975-73 Sequence 73, Appl
4	118	99.2	101	2	US-10-194-975-74 Sequence 74, Appl
5	118	99.2	113	1	US-08-264-093-10 Sequence 10, Appl
6	118	99.2	113	2	US-09-840-459-68 Sequence 68, Appl
7	118	99.2	113	2	US-09-497-625A-68 Sequence 68, Appl
8	116	97.5	81	2	US-09-254-180C-158 Sequence 158, App
9	116	97.5	113	2	US-09-254-180C-23 Sequence 23, Appl
10	116	97.5	131	1	US-08-129-9308-95 Sequence 95, Appl
11	116	97.5	131	2	US-08-134-346A-50 Sequence 50, Appl
12	116	97.5	131	2	US-08-976-288A-95 Sequence 95, Appl
13	115	96.6	23	1	US-07-977-696C-67 Sequence 67, Appl
14	115	96.6	23	1	US-08-129-9308-67 Sequence 67, Appl
15	115	96.6	23	2	US-08-976-288A-67 Sequence 67, Appl
16	115	96.6	23	2	US-09-947-839B-67 Sequence 67, Appl
17	114	95.8	23	2	US-09-563-222C-78 Sequence 78, Appl
18	114	95.8	81	2	US-09-254-180C-154 Sequence 154, App
19	114	95.8	100	2	US-09-472-087-115 Sequence 115, App
20	114	95.8	100	2	US-10-194-975-79 Sequence 79, Appl
21	114	95.8	100	2	US-10-194-975-80 Sequence 80, Appl
22	114	95.8	100	2	US-10-330-613A-71 Sequence 71, Appl
23	114	95.8	108	1	US-08-488-113B-151 Sequence 151, App
24	114	95.8	108	1	US-08-477-484B-151 Sequence 151, App
25	114	95.8	108	1	US-08-107-669D-15 Sequence 15, Appl
26	114	95.8	108	1	US-08-472-788A-15 Sequence 15, Appl
27	114	95.8	108	1	US-08-477-531B-15 Sequence 15, Appl

28	114	95.8	108	1	US-08-646-360-151 Sequence 151, App
29	114	95.8	108	1	US-08-082-842A-15 Sequence 15, Appl
30	114	95.8	108	2	US-08-839-765-151 Sequence 151, App
31	114	95.8	108	2	US-09-136-389-151 Sequence 151, App
32	114	95.8	108	2	US-09-610-838-151 Sequence 151, App
33	114	95.8	108	2	US-09-711-485-151 Sequence 151, App
34	114	95.8	112	1	US-08-053-171-16 Sequence 16, Appl
35	114	95.8	112	1	US-08-053-171-16 Sequence 16, Appl
36	114	95.8	112	1	US-08-331-398A-49 Sequence 49, Appl
37	114	95.8	112	1	US-08-478-039-88 Sequence 88, Appl
38	114	95.8	112	1	US-08-478-039-88 Sequence 88, Appl
39	114	95.8	112	1	US-08-331-397B-49 Sequence 49, Appl
40	114	95.8	112	1	US-08-759-804A-49 Sequence 49, Appl
41	114	95.8	112	2	US-08-815-180A-14 Sequence 14, Appl
42	114	95.8	112	2	US-09-227-693-49 Sequence 49, Appl
43	114	95.8	112	2	US-09-254-180C-9 Sequence 9, Appl
44	114	95.8	112	2	US-10-330-613A-2 Sequence 2, Appl
45	114	95.8	113	2	US-09-025-769B-15 Sequence 15, Appl

## ALIGNMENTS

```
RESULT 1
US-09-254-180C-156
; Sequence 156, Application US/09254180C
; Patent No. 6777540
; GENERAL INFORMATION:
; APPLICANT: OKUMURA, KO
; APPLICANT: EDA, Yasuyuki
; APPLICANT: MAEDA, Hiroaki
; APPLICANT: USHIO, Yoshitaka
; APPLICANT: HIGUCHI, Hirofumi
; APPLICANT: NAKATA, Motomi
; TITLE OF INVENTION: Humanized Immunoglobulins Specifically Reactive to Fas Ligand or
; TITLE OF INVENTION: Fragments Thereof, and Apoptosis-Induced Site From Fas Ligand
; FILE REFERENCE: 050006-0055
; CURRENT APPLICATION NUMBER: US/09/254,180C
; CURRENT FILING DATE: 1999-04-15
; PRIOR APPLICATION NUMBER: PCT/JP97/02983
; PRIOR FILING DATE: 1997-08-27
; PRIOR APPLICATION NUMBER: 271546/1996
; PRIOR FILING DATE: 1996-09-20
; PRIOR APPLICATION NUMBER: 231472/1996
; PRIOR FILING DATE: 1996-09-02
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 156
; LENGTH: 81
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
US-09-254-180C-156

Query Match          100.0%; Score 119; DB 2; Length 81;
Best Local Similarity 100.0%; Pred. No. 1,1e-08;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DVVMTQTPLSLPVTGPGEPAISIC 23
      |||||
DB      1 DVVMTQTPLSLPVTGPGEPAISIC 23

RESULT 2
US-09-254-180C-21
; Sequence 21, Application US/09254180C
; Patent No. 6777540
; GENERAL INFORMATION:
; APPLICANT: OKUMURA, KO
; APPLICANT: EDA, Yasuyuki
; APPLICANT: MAEDA, Hiroaki
; APPLICANT: USHIO, Yoshitaka
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/ APPLICANT: HIGUCHI, Hirofumi
/ APPLICANT: NAKATA, Motomi
/ TITLE OF INVENTION: Fragmented Immunoglobulins Specifically Reactive to Fas Ligand or
/ TITLE OF INVENTION: Fragments thereof, and Apoptosis-Induced Site From Fas Ligand
/ FILE REFERENCE: 050006-005
/ CURRENT APPLICATION NUMBER: US/09/254,180C
/ CURRENT FILING DATE: 1999-04-15
/ PRIOR APPLICATION NUMBER: PCT/JP97/02983
/ PRIOR FILING DATE: 1997-08-27
/ PRIOR APPLICATION NUMBER: 271546/1996
/ PRIOR FILING DATE: 1996-09-20
/ PRIOR APPLICATION NUMBER: 231472/1996
/ PRIOR FILING DATE: 1996-09-20
/ NUMBER OF SEQ ID NOS: 183
/ SOFTWARE: Patent in version 3.1
/ SEQ ID NO: 21
/ LENGTH: 113
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
US-09-254-180C-21
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Query Match          100.0%; Score 119, DB 2; Length 113;
Best Local Similarity 100.0%; Pred. No. 1.5e-08;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 DVWMTQPLSLPVTGEPASISC 23
Db 1 DVWMTQPLSLPVTGEPASISC 23
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RESULT 3
US-10-194-975-73
/ Sequence 73, Application US/10194975
/ Patent No. 6681557
/ GENERAL INFORMATION:
/ APPLICANT: Foote, Jefferson
/ TITLE OF INVENTION: Super Humanized Antibodies
/ FILE REFERENCE: 501231.01
/ CURRENT APPLICATION NUMBER: US/10/194,975
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: US 60/305,111
/ PRIOR FILING DATE: 2001-07-12
/ NUMBER OF SEQ ID NOS: 122
/ SOFTWARE: Patent in version 3.1
/ SEQ ID NO: 73
/ LENGTH: 101
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-194-975-73
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Query Match          99.2%; Score 118, DB 2; Length 101;
Best Local Similarity 95.7%; Pred. No. 1.8e-08;
Matches 22; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 DVWMTQPLSLPVTGEPASISC 23
Db 1 DVWMTQPLSLPVTGEPASISC 23
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RESULT 4
US-10-194-975-74
/ Sequence 74, Application US/10194975
/ Patent No. 6681557
/ GENERAL INFORMATION:
/ APPLICANT: Foote, Jefferson
/ TITLE OF INVENTION: Super Humanized Antibodies
/ FILE REFERENCE: 501231.01
/ CURRENT APPLICATION NUMBER: US/10/194,975
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: US 60/305,111
/ PRIOR FILING DATE: 2001-07-12
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/ NUMBER OF SEQ ID NOS: 122
/ SOFTWARE: Patent in version 3.1
/ SEQ ID NO: 74
/ LENGTH: 101
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-194-975-74
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Query Match          99.2%; Score 118, DB 2; Length 101;
Best Local Similarity 95.7%; Pred. No. 1.8e-08;
Matches 22; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 DVWMTQPLSLPVTGEPASISC 23
Db 1 DVWMTQPLSLPVTGEPASISC 23
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RESULT 5
US-08-264-093-10
/ Sequence 10, Application US/08264093
/ Patent No. 5639863
/ GENERAL INFORMATION:
/ APPLICANT: Michael D. Dan
/ TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO
/ TITLE OF INVENTION: CELL CYCLE-INDEPENDENT GLIOMA SURFACE
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Ridout & Maybee
/ STREET: 2300 Richmond-Adelaide Centre
/ STREET: 101 Richmond Street West
/ CITY: Toronto
/ STATE: Ontario
/ COUNTRY: Canada
/ ZIP: M5H 2J7
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette - 3.5 inch, 1.4 Mb storage
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: MS-DOS 6.00
/ SOFTWARE: ASCII Editor
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/264,093
/ FILING DATE:
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA: No. 5639863 applicable
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lake, James R.
/ REGISTRATION NUMBER: 31081
/ REFERENCE/DOCKET NUMBER: NOVOP/106A/7551
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (416) 868-1482
/ TELEFAX: (416) 362-0823
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 113 amino acids
/ TYPE: amino acid
/ STRANDNESS: not applicable
/ TOPOLOGY: linear
US-08-264-093-10
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Query Match          99.2%; Score 118, DB 1; Length 113;
Best Local Similarity 95.7%; Pred. No. 2e-08;
Matches 22; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 DVWMTQPLSLPVTGEPASISC 23
Db 1 DVWMTQPLSLPVTGEPASISC 23
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RESULT 6
US-09-840-459-68
/ Sequence 68, Application US/09840459
/ Patent No. 6696550
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